LISTING OF THE CLAIMS

This listing of claims replaces all prior versions, and listings of claims in the application:

1. (Withdrawn) A material that can be reconstituted to provide a replacement fluid for use in treating a joint malady of an animal made by the process comprising:

collecting synovial from donor animals;

removing impurities, cellular and pathogenic components from said synovial fluid to create a purified synovial fluid; and,

lyophilizing said purified synovial fluid.

2. (Withdrawn) The material of claim 1 wherein said process of collecting synovial from donor animals further comprises:

selecting a donor joint from said donor animal;

injecting a joint capsule of said selected donor joint with and needle attached to a syringe;

aspirating fluid joint contents into said syringe; and,

preserving said fluid joint contents for further processing.

3. (Withdrawn) The material of claim 2 wherein said process of preserving said fluid joint contents for further processing further comprises:

freezing said fluid joint contents at a temperature less that zero degrees Centigrade.

4. (Withdrawn) The material of claim 1 wherein said process of removing impurities, cellular and pathogenic components from said synovial fluid to create a purified synovial fluid further comprises:

separating higher density particles within said synovial fluid by centrifuge;

removing said higher density particles from a supernate of said synovial fluid; and,

filtering said supernate to remove additional particulates greater than approximately .45 mm in size.

5. (Withdrawn) The material of claim 1 wherein said process of lyophilizing said synovial fluid further comprises:

stabilizing said purified synovial fluid;

freezing said purified synovial fluid at approximately -45 degrees Centigrade

reducing the ambient air pressure to said purified synovial fluid to less than 50 microns of mercury;

maintaining said purified synovial fluid at –35 degrees Centigrade for approximately 72 hours;

maintaining said purified synovial fluid at 0 degrees Centigrade for approximately 12 hours; and,

maintaining said purified synovial fluid at 25 degrees Centigrade for approximately 12 hours.

6. (Withdrawn) The material of claim 5 wherein said process of lyophilizing said synovial fluid further comprises:

placing said purified synovial fluid under vacuum.

7. (Withdrawn) The material of claim 1 further comprising the process of:

providing said lyophilized synovial fluid to users for reconstitution as an intraarticular injection in an aseptic manner.

8. (Withdrawn) The material of claim 7 wherein said process of providing said lyophilized synovial fluid to users for reconstitution as an intraarticular injection in an aseptic manner further comprises:

providing said lyophilized synovial fluid in a vacuum-sealed vial for reconstitution within said vial to produce a single-use intraarticular injection.

9. (Currently amended) A method of treating a joint malady of an animal comprising:

intraarticularly injecting a replacement fluid in the joint space of said animal, said replacement fluid comprising synovial fluid that has been harvested from other animals ~~that~~ and has been processed lyophilized, packaged and reconstituted.

10. (Original) A method of treating a joint malady of an animal by intraarticularly injecting a purified synovial fluid in the joint space of said animal, said purified synovial fluid made by the process of:

collecting synovial from donor animals;

removing impurities, cellular and pathogenic components from said synovial fluid to create a purified synovial fluid;

lyophilizing said purified synovial fluid; and,

reconstituting said purified synovial fluid to approximately its original volume.

11. (Original) A method of claim 10 wherein said step of collecting synovial from donor animals further comprises:

selecting a donor joint from said donor animal;

injecting a joint capsule of said selected donor joint with and needle attached to a syringe;

aspirating fluid joint contents into said syringe; and,

preserving said fluid joint contents for further processing.

12. (Currently amended) A method of claim 11 wherein said step of preserving said fluid joint contents for further processing further comprises:

freezing said fluid joint contents at temperature less ~~that~~ than zero degrees Centigrade.

13. (Original) A method of claim 10 wherein said step of removing impurities, cellular and pathogenic components from said synovial fluid to create a purified synovial fluid further comprises:

separating higher density particles within said synovial fluid by centrifuge;

removing said higher density particles from a supernate of said synovial fluid; and,

filtering said supernate to remove additional particulates greater than approximately .45 mm in size.

14. (Original) A method of claim 10 wherein said step of lyophilizing said synovial fluid further comprises:

stabilizing said purified synovial fluid;

freezing said purified synovial fluid at approximately -45 degrees Centigrade

reducing the ambient air pressure to said purified synovial fluid to less than 50 microns of mercury;

maintaining said purified synovial fluid at –35 degrees Centigrade for approximately 72 hours;

maintaining said purified synovial fluid at 0 degrees Centigrade for approximately 12 hours; and,

maintaining said purified synovial fluid at 25 degrees Centigrade for approximately 12 hours.

15. (Original) A method of claim 14 wherein said step of lyophilizing said synovial fluid further comprises:

placing said purified synovial fluid under vacuum.

16. (Currently amended) A method of claim 10 further comprising the step of:

providing said lyophilized synovial fluid to users for reconstitution as an intraarticular injection in an aseptic manner.

17. (Original) A method of claim 16 wherein said step of providing said lyophilized synovial fluid to users for reconstitution as an intraarticular injection in an aseptic manner further comprises:

providing said lyophilized synovial fluid in a vacuum-sealed vial for reconstitution within said vial to produce a single-use intraarticular injection.

18. (Withdrawn) A method of manufacturing a concentrated material that can be reconstituted to provide a replacement fluid for use in treating a joint malady of an animal comprising:

collecting synovial from donor animals,

removing impurities, cellular and pathogenic components from said synovial fluid;

lyophilizing said purified synovial fluid to form a dense concentrate; and,

packaging said lyophilized concentrate in a manner so as to provide said lyophilized concentrate in a form that is reconstitutable to serve as an injectable replacement fluid.

19. (Withdrawn) A method of claim 18 wherein said step of collecting synovial from donor animals further comprises:

selecting a donor joint from said donor animal;

injecting a joint capsule of said selected donor joint with and needle attached to a syringe;

aspirating fluid joint contents into said syringe; and,

preserving said fluid joint contents for further processing.

20. (Withdrawn) A method of claim 19 wherein said step of preserving said fluid joint contents for further processing further comprises:

freezing said fluid joint contents at temperature less that zero degrees Centigrade.

21. (Withdrawn) A method of claim 18 wherein said step of removing impurities, cellular and pathogenic components from said synovial fluid to create a purified synovial fluid further comprises:

separating higher density particles within said synovial fluid by centrifuge;

removing said higher density particles from a supernate of said synovial fluid; and,

filtering said supernate to remove additional particulates greater than approximately .45 mm in size.

22. (Withdrawn) A method of claim 18 wherein said step of lyophilizing said synovial fluid further comprises:

stabilizing said purified synovial fluid;

freezing said purified synovial fluid at approximately -45 degrees Centigrade

reducing the ambient air pressure to said purified synovial fluid to less than 50 microns of mercury;

maintaining said purified synovial fluid at –35 degrees Centigrade for approximately 72 hours;

maintaining said purified synovial fluid at 0 degrees Centigrade for approximately 12 hours; and,

maintaining said purified synovial fluid at 25 degrees Centigrade for approximately 12 hours.

23. (Withdrawn) A method of claim 22 wherein said step of lyophilizing said synovial fluid further comprises:

placing said purified synovial fluid under vacuum.

24. (Withdrawn) A method of claim 18 further comprising the step of:

providing said lyophilized synovial fluid to users for reconstitution as an intraarticular injection in an aseptic manner:

25. (Withdrawn) A method of claim 24 wherein said step of providing said lyophilized synovial fluid to users for reconstitution as an intraarticular injection in an aseptic manner further comprises:

providing said lyophilized synovial fluid in a vacuum-sealed vial for reconstitution within said vial to produce a single-use intraarticular injection.